

0.0259

Ridgefield 4/17/91 (As+Cr only)
Boise Cascade
TCS off at end

USEPA RCRA



3057907

Method: MASTER1

Standard: BLANI

Elem	Al3082	Bb2068	As1936	Ba4934	Be3130	B_2496	Cd228E
Ave	.1285	.000	.001	.00000	.00080	.0045	-.0001
SDev	.0011	.00	.002	.00000	.00000	.0001	.0002
%RSD	.6315	-101.	246.	.00000	.00000	2.585	-229.1
#1	.1276	.000	-.001	.00000	.00080	.0046	-.0002
#2	.1297	.000	.000	.00000	.00080	.0044	.0001
#3	.1285	-.001	.003	.00000	.00080	.0044	-.0001
Elem	Ca3533	Ca2179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Ave	.0002	.082	.0002	.0002	.0006	.0001	.122
SDev	.0000	.001	.0003	.0002	.0001	.0002	.001
%RSD	.0000	1.17	1.71.2	.1.65	10.19	200.3	.724
#1	.0001	.081	.0005	.0002	.0005	-.0001	.122
#2	.0002	.083	.0000	.0003	.0006	.0003	.123
#3	.0001	.082	.0000	.0000	.0005	.0001	.122
Elem	Fb2242	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	U_7664
Ave	.000	.0000	.191	.0001	-.0001	.0000	.054
SDev	.120	.0000	.001	.0001	.0006	.0005	.000
%RSD	.746	.0000	.575	.66.60	-.878.5	.0000	.695
#1	.000	.0000	.190	.0001	.0006	-.0003	.054
#2	.000	.0000	.192	.0000	-.0005	.0006	.054
#3	.000	.0000	.191	.0001	-.0003	-.0003	.054

Elem	Se196	Si2516	Ag3280	Na5889	Sr421E	Sn1899	Tl1190
Avg	.000	.00206	-.0001	.0299	.0041	.0305	-.001
SDev	.000	.0002	-.0002	.0002	.0000	.0006	.001
%RSD	-11.40	.7427	-.30010	.5114	.0000	1.978	-98.8
#1	-.005	.01204	-.0004	.0199	.0041	.0311	.000
#2	-.002	.01207	.0002	.0300	.0041	.0299	-.001
#3	-.004	.0206	-.0001	.0297	.0041	.0304	-.002

Elem	Li3349	V_2924	Zn2138				
Avg	-.0001	.0000	.0001				
SDev	.0002	.0001	.0002				
%RSD	-229.1	173.2	173.2				
#1	-.0002	.0000	.0002				
#2	.0001	.0001	.0002				
#3	-.0001	.0000	-.0001				

Method: MASTER		Standard: STD1					
Elem	Al3082	Si2068	As1936	Ba4934	Be3136	B_2496	Cd2288
Avg	.1795	.000	1.24	2.2855	1.9647	.0061	.5008
SDev	.0015	.00	.01	.0053	.0025	.0001	.0022
%RSD	.8341	-120.	.554	.23123	.12725	.9413	.3635
#1	.1779	.000	1.23	2.2904	1.9647	.0061	.5784
#2	.1800	.000	1.24	2.2862	1.9671	.0061	.5812
#3	.1808	-.001	1.24	2.2799	1.9627	.0062	.5828
Elem	Ca393	Ca7179	Cr2677	Co2286	Cu3241	Fe2597	Fe2714
Avg	2.876	1.56	1.526	.5468	1.353	1.047	.457
SDev	.006	.01	.007	.0026	.003	.003	.003
%RSD	.1977	.542	.4634	.4020	.2529	.2890	.575
#1	2.891	1.54	1.518	.6442	1.355	1.045	.454
#2	2.877	1.56	1.531	.6494	1.354	1.051	.459
#3	2.870	1.56	1.529	.6468	1.349	1.046	.459
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2026	Ni2315	F_7664
Avg	.301	1.337	1.02	1.302	1.193	.8696	.054
SDev	.002	.004	.00	.004	.006	.0030	.000
%RSD	.716	.3012	.314	.3204	.4872	.3393	.742
#1	.298	1.333	1.01	1.298	1.187	.8717	.054
#2	.303	1.341	1.02	1.306	1.199	.8662	.054
#3	.301	1.338	1.02	1.303	1.192	.8708	.055
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl11906
Avg	1.56	.0307	-.0114	.0362	.0044	.0393	.515
SDev	.01	.0005	.0002	.0001	.0001	.0002	.003
%RSD	.395	1.693	-.1.821	.2762	.1.322	.6732	.533
#1	1.55	.0301	-.0116	.0361	.0043	.0392	.513
#2	1.56	.0310	-.0112	.0362	.0044	.0395	.518
#3	1.56	.0310	-.0115	.0363	.0044	.0391	.513
Elem	Li3349	V_2924	Zn2138				
Avg	1.505	.0307	1.183				

SDev	.002	.0011	.007
%RSD	-.1175	.1817	.5863
#1	1.606	.6028	1.175
#2	1.608	.6049	1.188
#3	1.605	.6033	1.186

Method: MASTER1 Standard: STD1

Elem	Al3082	Sb2068	As1938	Ba4934	Be3130	B_2496	Cd2288
Avg	.1305	.199	.004	.00497	.00247	.0045	.0005
SDev	.0009	.002	.004	.00131	.00115	.0002	.0004
%RSD	-.7077	1.14	96.8	26.278	46.636	4.660	87.18
#1	.1300	.197	.002	.00620	.00360	.0044	.0007
#2	.1316	.200	.008	.00510	.00250	.0047	.0008
#3	.1300	.201	.002	.00360	.00130	.0043	.0000
Elem	Ca3932	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Avg	.0035	.087	1.636	.0004	.0018	.0016	.130
SDev	.0018	.001	.005	.0004	.0007	.0006	.001
%RSD	50.97	1.39	.3331	95.78	38.31	37.50	1.04
#1	.0053	.087	1.631	.0004	.0025	.0022	.129
#2	.0036	.088	1.642	.0007	.0019	.0016	.131
#3	.0017	.086	1.636	.0000	.0011	.0010	.129
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Avg	.000	.0012	.195	.0011	.0015	-.0012	.055
SDev	.001	.0009	.002	.0009	.0009	.0013	.001
%RSD	354.	72.90	.946	79.73	60.60	-107.2	1.10
#1	.001	.0020	.195	.0019	.0023	-.0003	.055
#2	.000	.0012	.197	.0011	.0018	-.0006	.056
#3	.000	.0003	.193	.0002	.0005	-.0026	.054
Elem	Se1960	Si2516	Ag3280	Na5899	Sr4215	Sn1899	T11908
Avg	-.004	.0220	2.226	.0309	.0043	.0318	.000
SDev	.003	.0004	.031	.0004	.0001	.0003	.002
%RSD	-.77.0	1.895	1.393	1.227	1.332	.9617	608.
#1	-.003	.0215	2.206	.0307	.0043	.0321	.001
#2	-.002	.0221	2.214	.0313	.0044	.0315	.002
#3	-.007	.0223	2.163	.0306	.0042	.0317	-.002
Elem	Ti3349	V_2924	Zn2138				
Avg	.0020	-.0009	.0017				
SDev	.0009	.0005	.0008				
%RSD	46.14	-.54.98	80.16				
#1	.0028	-.0005	.0021				
#2	.0021	-.0008	.0014				
#3	.0010	-.0015	.0005				

Method: MASTER1 Standard: STD2

Elem	Al3082	Sb2063	As1936	Ba4934	Be3150	B_2496	Cd2288
Avg	22.52	.001	.184	.00087	.00097	.0093	-.0001
SDev	.11	.001	.004	.00006	.00006	.0001	.0002
%RSD	.5085	69.4	2.08	6.8617	5.9726	.6230	-.346.4
#1	22.45	.000	.185	.00080	.00090	.0093	.0002
#2	22.46	.001	.180	.00090	.00100	.0092	-.0002
#3	22.65	.001	.188	.00090	.00100	.0093	-.0002
Elem	Ca3933	Ca3179	Cr2677	Co2294	Cu3247	Fe2599	Fe2714
Avg	47.70	28.3	-.0001	.0010	.0010	19.65	5.17
SDev	.21	.1	.0007	.0003	.0001	.06	.02
%RSD	.4433	.272	-.510.5	29.57	5.587	.3087	.291
#1	47.58	28.2	.0001	.0007	.0010	19.62	5.15
#2	47.57	28.3	.0004	.0013	.0010	19.61	5.16
#3	47.94	28.4	-.0009	.0011	.0011	19.72	5.18
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	P_7664
Avg	.006	23.24	16.6	-.0008	-.0034	-.0001	.249
SDev	.000	.04	.1	.0001	.0003	.0016	.001
%RSD	6.33	.1660	.334	-.7.531	-.7.475	-1552.	.541
#1	.006	23.22	16.6	-.0008	-.0036	-.0017	.25
#2	.006	23.23	16.6	-.0008	-.0034	.0000	.248
#3	.005	23.29	16.7	-.0007	-.0031	.0014	.248
Elem	Se1960	Si251	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Avg	-.013	.0414	.0049	.287	.0057	.0843	.000
SDev	.002	.0002	.0019	.020	.0000	.0001	.001
%RSD	-.12.1	.5574	37.67	.4626	.0000	.0685	.876.
#1	-.014	.0413	.0058	4.282	.0057	.0844	-.001
#2	-.014	.0417	.0062	4.271	.0057	.0843	.001
#3	-.011	.0413	.0028	4.309	.0057	.0843	.000
Elem	Ti5349	V_2924	Zn2138				
Avg	-.0002	.0001	.0050				
SDev	.0001	.0002	.0001				
%RSD	-.34.64	114.6	1.162				
#1	-.0002	.0001	.0050				
#2	-.0001	.0003	.0050				
#3	-.0002	.0000	.0049				

Method: MASTER1

Element	Wavelength	High std	Low std	Slope	Y-intercept	Date Standardized
Al2082	308.215	STD3	BLANK	4.46773	-.574252	04/17/91 10:28:
Sb2068	206.638	STD2	BLANK	25.0138	.011673	04/17/91 10:24:
As1936	193.696	STD1	BLANK	4.05584	-.002839	04/17/91 10:20:
Ba4934	493.409	STD1	BLANK	2.18771	.000000	04/17/91 10:20:
Be3130	313.042	STD1	BLANK	2.54168	-.002033	04/17/91 10:20:
B_2496	249.678	STD4	BLANK	23.7117	-.105912	04/17/91 10:16:
Cd2288	228.802	STD1	BLANK	8.60813	.000574	04/17/91 10:20:
Ca3933	393.366	STD1	BLANK	1.73843	-.000348	04/17/91 10:20:
Ca3179	317.933	STD3	BLANK	3.54729	-.291351	04/17/91 10:28:
Cr2677	267.716	STD2	BLANK	3.05623	-.000509	04/17/91 10:24:
Co2286	228.616	STD1	BLANK	7.73707	-.001290	04/17/91 10:20:
Cu3247	324.754	STD1	BLANK	5.70191	-.002098	04/17/91 10:20:
Fe2599	259.940	STD1	BLANK	4.76820	-.000477	04/17/91 10:20:
Fe2714	271.441	STD3	BLANK	20.0396	-2.46086	04/17/91 10:28:
Pb2202	220.253	STD1	BLANK	16.6416	.000555	04/17/91 10:20:
Mg2795	279.553	STD1	BLANK	3.74078	.000000	04/17/91 10:20:
Mg3832	383.231	STD3	BLANK	6.08462	-1.16480	04/17/91 10:28:
Mn2576	257.810	STD1	BLANK	3.86027	-.000257	04/17/91 10:20:
Mo2020	202.030	STD1	BLANK	4.19432	.000280	04/17/91 10:20:
Ni2316	231.504	STD1	BLANK	5.75057	.000000	04/17/91 10:20:
K_7654	766.490	STD3	BLANK	256.981	-13.9370	04/17/91 10:28:
Se1960	196.026	STD1	BLANK	3.21052	.001284	04/17/91 10:20:
Si2516	251.611	STD4	BLANK	9.95223	-.204684	04/17/91 10:16:
Ag3280	328.068	STD2	BLANK	2.24433	.000224	04/17/91 10:24:
Na5889	588.995	STD3	BLANK	11.8570	-.354129	04/17/91 10:28:
Sr4215	421.552	STD4	BLANK	2.08487	-.008548	04/17/91 10:16:
Sn1899	189.989	STD4	BLANK	13.1062	-.799301	04/17/91 10:16:
i11908	190.801	STD1	BLANK	2.67831	.008710	04/17/91 10:20:
Ti3349	334.941	STD1	BLANK	3.11304	.000208	04/17/91 10:20:
V_2924	292.402	STD1	BLANK	3.28066	-.000276	04/17/91 10:20:
Zn2138	213.858	STD1	BLANK	4.22907	-.000424	04/17/91 10:20:

Method:	MASTER1	Sample Name:	2% nitric acid	Geostat 90			
Run Time:	04/17/91 10:46:33						
Comment:	RIDGEFIELD BRICK & TILE/DISSOLVED						
Mode:	COND	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1956	Ba4934	Be3130	B_2496	Cd2206
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295	.006	-.005	-.00001	.00017	-.0001	.0005
SDev	.0018	.008	.014	.00000	.00015	.0027	.0005
%RSD	6.23	138.	-.307.	-.18.029	87.569	-.3915.	171.4
#1	.0315	.009	-.009	-.00001	.00026	-.0017	-.0003
#2	.0280	-.003	-.016	-.00001	.00000	-.0017	.0006
#3	.0288	.012	.011	-.00001	.00026	.0031	.0006
Elem	Ca3933	Co3179	Cr2677	Co2286	Cu2247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.018	.0009	-.0013	-.0004	.0005	.131
SDev	.0003	.002	.0009	.0029	.0002	.0005	.024
%RSD	14.72	11.7	102.3	-.299.3	-.57.53	100.7	18.0
#1	.0021	.020	.0019	.0026	-.0006	.0005	.148
#2	.0018	.017	.0007	-.0052	-.0002	.0010	.140
#3	.0016	.016	.0001	-.0013	-.0002	.0000	.104
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.002	.0015	.059	-.0001	-.0003	-.0031	.668
SDev	.008	.0004	.006	.0002	.0020	.0012	.030
%RSD	36.2	25.01	10.2	-.161.2	-.733.6	-.39.01	4.44
#1	-.005	.0019	.066	-.0003	-.0018	-.0040	.685
#2	.000	.0015	.056	-.0003	-.0010	-.0034	.685
#3	.010	.0011	.055	.0001	.0020	-.0017	.534
Elem	Se1960	Si2515	Ag3280	Na5889	Sn4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.005	.0119	-.0005	.0250	.0006	.0191	.013
SDev	.016	.0023	.0005	.0051	.0000	.0105	.015
%RSD	213.	19.28	-.89.62	24.46	.0000	55.09	111.
#1	.023	.0132	-.0009	.0285	.0006	.0291	.003
#2	.001	.0132	.0000	.0285	.0006	.0082	.030
#3	-.009	.0093	-.0007	.0179	.0006	.0200	.007
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	-.0004	.0000	.0000				
SDev	.0000	.001	.001				
%RSD	-.0280	-.7238.	-.29830.				
#1	-.0004	.0005	-.0009				
#2	-.0004	-.0011	.0008				
#3	-.0004	.0005	.0000				

Method: MASTER1 Sample Name: 1PPM~~007~~

Operator:

Run Time: 04/17/91 10:52:13

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Be4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.020	.015	-.001	.98621	.00034	1.265	-.0003
SDev	.007	.011	.015	.00631	.00015	.028	.0015
%RSD	.6377	75.2	-.2530.	.53950	43.180	2.188	-542.0

#1	1.013	.004	-.017	.97943	.00025	1.241	-.0020
#2	1.023	.014	.002	.98731	.00026	1.295	.0006
#3	1.025	.027	.013	.99190	.00051	1.260	.0006

Errors	OC Pass	NOCHECK	NOCHECK	OC Pass	NOCHECK	NOCHECK	NOCHECK
Value	1.000			1.0000			
Range	10.00			10.000			

Elem	Ca3933	Ca3179	Cr2677	Co2286	Cr3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	.012	-.0010	-.0013	.0000	.0005	.084
SDev	.0001	.001	.0005	.0013	.000	.0008	.010
%RSD	3.368	10.2	-.44.82	-.102.1	-.1013.	162.1	11.4

#1	.0031	.012	-.0011	-.0005	.0001	.0015	.092
#2	.0029	.014	-.0014	-.0029	.0001	.0000	.074
#3	.0029	.011	-.0005	-.0005	-.0003	.0000	.088

Errors	NOCHECK						
Value							
Range							

Elem	Pb2202	Mg2795	Mg1932	Mn2576	Mo2020	Ni2316	Li7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.000	.0012	.036	-.0003	.0004	-.0029	10.1
SDev	.005	.0002	.004	.0004	.0015	.0036	.1
%RSD	1300.	11.32	10.6	-.148.5	346.3	-.124.9	1.21

#1	.005	.0015	.034	-.0003	-.0010	.0000	.9.94
#2	.000	.0011	.040	.0001	.0003	-.0069	10.2
#3	-.005	.0011	.033	-.0007	.0020	-.0017	10.1

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	OC Pass	
Value						10.0	
Range						10.0	

Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl11908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010	.5306	.9917	.9801	.0006	.0163	.007
SDev	.011	.0061	.0052	.0065	.0000	.0062	.017
%RSD	-.108.	1.141	.5246	.6668	.0000	38.09	251.

#1	-.004	.5236	.9857	.9733	.0005	.0141	.026
#2	-.004	.5345	.9951	.9805	.0006	.0114	-.007
#3	-.023	.5335	.9942	.9864	.0006	.0232	.001

Errors	NOCHECK	NOCHECK	OC Pass	OC Pass	NOCHECK	NOCHECK	NOCHECK
Value			1.000	1.000			
Range			10.00	10.00			

Elem	Al17347	V_2424	Zn2138
Units	ppm	ppm	ppm
Avge	.0007	.0000	.0008
SDev	.0002	.000	.0004
%RSD	24.74	-5860.	50.05
#1	.0008	-.0003	.0008
#2	.0008	.0005	.0013
#3	.0005	-.0003	.0004
Errors	NOCHECK	NOCHECK	NOCHECK
Value			
Range			

Method: MASTER: Sample Name: 1PPM OC 19 Operator:

Run Time: 04/17/91 10:57:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_24%	Bd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0257	.972	.993	.00121	1.0028	.0086	1.032
SDev	.0039	.020	.024	.00116	.0094	.0041	.010
%RSD	15.24	2.01	2.37	95.172	.93945	47.53	.9401
#1	.0300	.950	.970	.00252	.99161	.0134	1.021
#2	.0246	.985	1.02	.00078	1.0074	.0063	1.038
#3	.0224	.982	.993	.00034	1.0084	.0063	1.037
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	QC Pass	NOCHECK	QC Pass
Value		1.00	1.00		1.0000		1.000
Range		10.0	10.0		10.000		10.00

Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2594	Fe2716
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.019	1.09	1.020	1.032	1.006	1.018	1.23
SDev	.011	.00	.005	.006	.012	.007	.03
%RSD	1.083	.351	.4576	.6064	1.159	.6505	2.06
#1	1.007	1.09	1.015	1.025	.9920	1.011	1.26
#2	1.026	1.10	1.021	1.037	1.013	1.020	1.21
#3	1.025	1.09	1.024	1.033	1.012	1.024	1.22
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value			1.000	1.000	1.000	1.000	
Range			10.00	10.00	10.00	10.00	

Elem	Fb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2314	P_7654
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.03	1.041	1.07	1.016	1.015	1.017	.535
SDev	.00	.007	.00	.006	.007	.010	.193
%RSD	.161	.6534	.345	.5669	.6760	1.026	36.0
#1	1.03	1.034	1.07	1.010	1.008	1.029	.758
#2	1.03	1.046	1.07	1.020	1.021	1.013	.424
#3	1.03	1.045	1.07	1.020	1.017	1.010	.424

Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.00	1.000		1.000	1.000	1.000	
Range	10.0	10.00		10.00	10.00	10.00	
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.980	.0232	-.0013	.0326	.0006	.0451	1.05
SDev	.005	.0035	.0055	.0030	.0000	.0052	.04
%RSD	.474	15.08	-424.6	9.087	.0000	11.53	3.58
#1	.975	.0237	.0050	.0357	.0006	.0502	1.09
#2	.985	.0265	-.0035	.0322	.0006	.0399	1.02
#3	.980	.0195	-.0053	.0299	.0006	.0451	1.06
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.00						1.00
Range	10.0						10.0
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	1.033	.9855	1.039				
SDev	.010	.0074	.004				
%RSD	.9310	.7536	.4288				
#1	1.022	.9770	1.034				
#2	1.038	.9902	1.040				
#3	1.039	.9894	1.043				
Errors	QC Pass	QC Pass	QC Pass				
Value	1.000	1.000	1.000				
Range	10.00	10.00	10.00				

Method: MASTER1 Sample Name: ICS
 Run Time: 04/17/91 11:04:35
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem	A13082	Sb2068	As1936	Ba4934	Be3130	R_24%	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	494.3	.905	0.294	.92840	.91886	1.241	.9272
SDev	3.9	.028	.161	.00696	.00470	.015	.0065
%RSD	.7679	3.07	54.9	.75012	.51123	1.191	.7001
#1	494.3	.908	0.298	.93340	.92157	1.257	.9243
#2	493.4	.931	0.453	.92045	.91344	1.237	.9346
#3	500.6	.876	0.131	.93136	.92157	1.228	.9226
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	NOCHECK	QC Pass
Value	500.0	1.00	1.00	1.0000	1.0000		1.000
Range	10.00	20.0	20.0	20.000	20.000		20.00
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2593	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	218.5	495.	.9149	.8822	.9392	174.7	188.
SDev	.2	.2	.0055	.0060	.0067	.2	.
%RSD	.0734	.335	.6003	.6843	.7175	.1221	.232
#1	218.4	493.	.9166	.8773	.9441	174.7	187.

#2	218.7	496.	.9194	.8889	.9315	174.8	188.
#3	218.4	495.	.9088	.8802	.9421	175.2	188.
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass
Value		500.	1.000	1.000	1.000		200.
Range		10.0	20.00	20.00	20.00		20.0
Elem	Pb2262	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	1.02	256.4	476.	.9020	.9267	.8718	9.44
SDev	.02	1.1	2.	.0015	.0051	.0026	.16
%RSD	2.39	.4272	.389	.1684	.5472	.2972	1.70
#1	.996	255.5	477.	.9002	.9212	.8743	9.32
#2	1.04	257.7	474.	.9029	.9311	.8692	9.62
#3	1.01	255.8	477.	.9029	.9279	.8720	9.39
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.00		500.	1.000	1.000	1.000	10.0
Range	20.0		10.0	20.00	20.00	20.00	20.0
Elem	Se1960	Si2516	Ag3280	Na5889	Br4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	1.08	.8342	.9164	1.147	.0129	.7288	.929
SDev	.02	.0062	.0020	.012	.0000	.0187	.054
%RSD	1.89	.7460	.2188	1.071	.0000	2.561	5.82
#1	1.10	.8272	.9174	1.151	.0129	.7275	.984
#2	1.06	.8389	.9175	1.153	.0129	.7197	.927
#3	1.09	.8367	.9141	1.157	.0129	.7480	.876
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass
Value	1.00		1.000	1.000			1.00
Range	20.0		20.00	20.00			20.0
Elem	Li3349	V_2924	Zn2138				
Units	ppm	PPM	ppm				
Avgc	.9506	.8932	.9386				
SDev	.0036	.0010	.0048				
%RSD	.3756	.1081	.5098				
#1	.9612	.8938	.9351				
#2	.9568	.8921	.9441				
#3	.9640	.8937	.9367				
Errors	QC Pass	QC Pass	QC Pass				
Value	1.000	1.000	1.000				
Range	20.00	20.00	20.00				

Method: MASTER1 Sample Name: 10B

Operator:

Run Time: 04/17/91 11:25:30

Comments:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2298
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	504.9	1.15	04.66	.92460	.91423	1.237	.9364

SDev	6.1	.42	1.45	.01481	.01193	.025	.0329
%RSD	1.207	36.6	31.1	1.6012	1.3020	2.033	3.512
#1	498.0	.864	03.77	.90884	.90274	1.218	.9182
#2	507.3	.951	03.87	.72674	.72055	1.226	.9167
#3	509.4	01.63	06.53	.93822	.92539	1.265	.9744
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	NOCHECK	QC Pass
Value	500.0	1.00	1.00	1.0000	1.0000		1.000
Range	10.00	20.0	20.0	20.000	20.000		20.00
Elem	Ce3933	Ca3179	Cr2577	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	218.7	495.	.9223 ✓	.8871	.9363	173.9	188.
SDev	1.9	7.	.0095	.0126	.0152	2.5	2.
%RSD	.8608	1.43	1.034	1.414	1.520	3.463	1.26
#1	217.0	488.	.9125	.8727	.9212	171.3	185.
#2	218.4	496.	.9228	.8948	.9361	174.0	188.
#3	220.8	502.	.9316	.8939	.9515	176.3	190.
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass
Value		500.	1.000	1.000	1.000		200.
Range		10.0	20.00	20.00	20.00		20.0
Elem	Fb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	P_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	1.01	255.5	470.	.9142	.9143	.8793	9.56
SDev	.01	2.5	5.	.0226	.0130	.0058	.15
%RSD	.588	1.114	1.03	2.471	1.426	.6553	1.53
#1	1.01	252.9	465.	.8943	.8999	.8749	9.39
#2	1.01	254.9	472.	.5095	.9176	.8858	9.68
#3	1.02	258.5	474.	.9287	.9253	.8772	9.60
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.00		500.	1.000	1.000	1.000	10.0
Range	20.0		10.0	20.00	20.00	20.00	20.0
Elem	Se1950	Si2516	Ag3280	Na5889	Sr4215	Sn1899	T11908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	1.10	.8342	.9383	1.134	.0129	.6911	01.22
SDev	.02	.0068	.0197	.001	.0001	.0106	.14
%RSD	1.61	.3152	1.102	.1284	.9362	1.537	44.5
#1	1.08	.8295	.9223	1.135	.0127	.6986	.911
#2	1.12	.8313	.9322	1.132	.0129	.6959	.905
#3	1.11	.8420	.9603	1.134	.0129	.6790	01.85
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Fail
Value	1.00		1.000	1.000			1.00
Range	20.0		20.00	20.00			20.0
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avgc	.9561	.8904	.9539				
SDev	.0181	.0096	.0209				
%RSD	1.870	1.100	2.195				

#1	.9484	.8799	.9363
#2	.9655	.8920	.9483
#3	.9845	.8993	.9770

Errors	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000
Range	20.00	20.00	20.00

Method: MASTER1 Sample Name: INTER CHECK SAMPLE Operator:

Run Time: 04/17/91 12:08:34

Comments: 1 PPM qc 19 & 7 + 500 PPM AL, CA, MG AND 200 PPM FE

Model CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	510.9	.954	03.85	.92461	.94552	1.272	1.006
SDev	1.0	.021	.04	.00424	.00400	.003	.008
%RSD	.2006	2.19	1.11	.45901	.42321	.2034	.7978

#1	511.5	.978	03.86	.92949	.94908	1.269	1.004
#2	509.7	.940	03.89	.92259	.94119	1.273	.9996
#3	511.4	.943	03.81	.92175	.94629	1.274	1.015

Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	NOCHECK	QC Pass
Value	500.0	1.00	1.00	1.0000	1.0000		1.000
Range	10.00	20.0	20.0	20.000	20.000		20.00

Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.1	538.	.9845	.9390	.9306	182.4	200.
SDev	.4	4.	.0047	.0120	.0038	.9	1.
%RSD	.1772	.728	.4759	1.282	.4125	.4725	.579

#1	223.2	538.	.9859	.9408	.9350	182.8	200.
#2	222.7	534.	.9793	.9262	.9288	181.5	199.
#3	223.5	542.	.9883	.9500	.9280	183.0	201.

Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass
Value		500.	1.000	1.000	1.000		200.
Range		10.0	20.0	20.00	20.00		20.0

Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.09	269.0	478.	.9617	.9721	.9187	10.5
SDev	.03	1.7	2.	.0050	.0139	.0203	.1
%RSD	2.88	4.765	.536	.5188	1.42%	2.21%	.508

#1	1.09	269.5	480.	.9627	.9832	.9262	10.6
#2	1.06	268.4	477.	.9563	.9566	.8957	10.5
#3	1.13	271.0	478.	.9662	.9764	.9342	10.5

Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.00		500.	1.000	1.000	1.000	10.0
Range	20.0		10.0	20.00	20.00	20.00	20.0

Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl11908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.15	.8904	.9809	1.056	.0136	.8318	1.00

SDev	.03	.0045	.0052	.003	.0002	.0268	.07
%RSD	2.43	.5011	.5289	.3229	1.767	3.221	7.35
#1	1.17	.8928	.9808	1.057	.0138	.8078	1.09
#2	1.16	.8852	.9756	1.059	.0133	.8268	.960
#3	1.12	.8930	.9862	1.053	.0136	.8607	.957
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass
Value	1.00		1.000	1.000			1.00
Range	20.0		20.00	20.00			20.0
Elem	Ti33349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	.9842	.9281	1.028				
SDev	.0041	.0051	.006				
%RSD	.4148	.5450	.6173				
#1	.9879	.9297	1.028				
#2	.9798	.9224	1.021				
#3	.9848.	.9321	1.034				
Errors	QC Pass	QC Pass	QC Pass				
Value	1.000	1.000	1.000				
Range	20.00	20.00	20.00				

Method: MASTER1 Sample Name: INTER CHECK SAMPLE Operator:

Run Time: 04/17/91 12:21:18

Comment: 1 PPM QC 19 & 7 + 500 PPM AL, BA, MG AND 200 PPM FE

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	0515.1	.974	.830	.90976	.93874	1.256	1.020
SDev	1.2	.008	.058	.00245	.00260	.009	.004
%RSD	.2386	.792	.6.93	.26885	.27704	.7130	.4320
#1	0514.4	.980	.820	.90777	.93687	1.256	1.019
#2	0516.6	.965	.778	.91249	.94171	1.274	1.016
#3	0514.4	.975	.892	.90903	.93764	1.267	1.025
Errors	QC Fail	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	1.000			1.0000			
Range	10.00			10.000			
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2699	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.6	544.	.9884	.9466	.9161	181.8	202.
SDev	.1	1.	.0044	.0059	.0035	.4	1.
%RSD	.0598	.259	.4419	.6191	.3808	.2418	.275
#1	223.4	543.	.9847	.9415	.9125	181.4	201.
#2	223.7	545.	.9874	.9530	.9194	182.2	202.
#3	223.5	545.	.9933	.9453	.9165	181.8	202.
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.10	272.2	474.	.9661	.9642	.9379	11.0
SDev	.03	.3	1.	.0023	.0104	.0277	.1
%RSD	2.55	.1078	.218	.2363	1.077	.957	.703
#1	1.06	271.9	473.	.9636	.9544	.9227	10.9
#2	1.12	272.3	475.	.9681	.9751	.9699	11.0
#3	1.11	272.4	473.	.9666	.9632	.9210	11.0
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value							10.0
Range							10.0
Elem	Se1960	Si2516	Ag3280	Na5899	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.11	.8981	.9849	1.041	.0140	.7864	.982
SDev	.03	.0064	.0040	.006	.0000	.0297	.037
%RSD	2.02	.7155	.4039	.5719	.0000	3.778	3.74
#1	1.09	.8916	.9803	1.038	.0140	.8188	.962
#2	1.15	.9044	.9875	1.048	.0140	.7604	1.02
#3	1.09	.8983	.9868	1.037	.0140	.7800	.959
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value			1.000	1.000			
Range			10.00	10.00			
Elem	Fr3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	.9761	.9242	1.040				
SDev	.0025	.0034	.002				
%RSD	.2531	.3671	.2308				
#1	.9742	.9205	1.038				
#2	.9789	.9270	1.040				
#3	.9752	.9254	1.043				
Errors	NOCHECK	NOCHECK	NOCHECK				
Value							
Range							

Method: MASTER1 Sample Name: INTER CHECK SAMPLE Operator:

Run Time: 04/17/91 12:25:58

Comment: 1 PFM ac 19 & 7 + 500 PPM AL, CA, MG AND 200 PPM FE

Model: CONC Corr. Factor: 1

Elem	Al3082	Ba2068	As1936	Ba4934	Be3130	B_249A	Cd228B
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.2	.999	.993	.90993	.94179	1.288	1.024
SDev	1.1	.009	.054	.00213	.00206	.001	.008
%RSD	.2063	.876	.547	.23395	.21835	.0774	.7614
#1	515.8	.998	.932	.90874	.93992	1.288	1.026
#2	517.4	1.01	1.01	.91279	.94400	1.290	1.016
#3	515.4	.990	1.04	.90866	.94145	1.288	1.032

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass
Value	500.0	1.00	1.00	1.0000	1.0000		1.0000
Range	10.00	20.0	20.0	20.000	20.000		20.00
Elem	Ca3935	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	224.1	549.	.9955	.9496	.9153	182.6	203.
SDev	.1	2.	.0002	.0029	.0022	.5	1.
%RSD	.0631	.386	.0221	.3051	.2396	.2528	.289
#1	224.0	547.	.9957	.9476	.9154	182.1	203.
#2	224.2	550.	.9953	.9529	.9175	182.9	204.
#3	224.2	551.	.9956	.9483	.9131	182.7	204.
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass
Value		500.	1.000	1.000	1.000		200.
Range		10.0	20.00	20.00	20.00		20.0
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.10	273.9	474.	.9724	.9751	.9235	11.2
SDev	.01	.5	1.	.0028	.0035	.0067	.2
%RSD	.805	.1757	.187	.2863	.3812	.7217	2.21
#1	1.11	273.5	473.	.9692	.9796	.9244	10.9
#2	1.11	273.8	475.	.9742	.9760	.9276	11.4
#3	1.09	274.5	474.	.9738	.9726	.9164	11.1
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.00		500.	1.000	1.000	1.000	10.0
Range	20.0		10.0	20.00	20.00	20.00	20.0
Elem	Se1960	Si2516	Ag3280	Na5887	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.13	.9074	.9884	1.019	.0139	.8318	1.00
SDev	.05	.0053	.0019	.004	.0001	.0302	.03
%RSD	4.38	.5839	.1900	.3544	.8660	.630	.47
#1	1.12	.9058	.9869	1.015	.0140	.7971	.963
#2	1.08	.9069	.9878	1.019	.0140	.8463	1.01
#3	1.18	.9155	.9905	1.022	.0138	.8520	1.03
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass
Value	1.00		1.000	1.000			1.00
Range	20.0		20.00	20.00			20.0
Elem	Ti3349	V_2924	Zn213E				
Units	ppm	ppm	ppm				
Avge	.9784	.9272	1.050				
SDev	.0018	.0012	.002				
%RSD	.1837	.1322	.1609				
#1	.9773	.9262	1.048				
#2	.9805	.9286	1.051				
#3	.9773	.9269	1.051				
Errors	QC Pass	QC Pass	QC Pass				
Value	1.000	1.000	1.000				
Range	20.00	20.00	20.00				

Method: MASTER1 Sample Name: 2% nitric acid Operator: SC

Run Time: 04/17/91 12:47:28

Comment: RIDGEFIELD BRICK & TILE /DISSOLVED

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	Bi2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1484	.014	.005	.00020	.00068	.0030	.0014
SDev	.0331	.012	.015	.00022	.00039	.0000	.0009
%RSD	22.31	81.0	313.	108.70	57.125	.6919	59.77
#1	.1740	.004	-.011	-.00002	.00102	.0030	.0023
#2	.1601	.027	.006	.00042	.00077	.0030	.0014
#3	.1110	.012	.019	.00020	.00026	.0030	.0006
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0849	.120	.0012	.0015	-.0003	.0323	.241
SDev	.0320	.034	.0014	.0016	.0015	.0139	.029
%RSD	37.68	28.5	116.4	104.9	-582.6	43.08	12.1
#1	.1148	.147	.0004	.0010	-.0017	.0453	.227
#2	.0887	.130	.0028	.0002	.0012	.0338	.274
#3	.0512	.081	.0004	.0023	-.0003	.0176	.221
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.007	.0854	.161	-.0003	.0024	.0010	.917
SDev	.000	.0330	.031	.0004	.0026	.0024	.156
%RSD	.366	28.58	19.5	-138.0	106.5	249.5	17.1
#1	.007	.1160	.176	-.0003	.0053	.0025	.839
#2	.007	.0898	.181	.0001	.0007	.0017	1.10
#3	.007	.0505	.125	-.0007	.0011	-.0017	.814
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.004	.0158	-.0009	.0381	.0007	.0335	.009
SDev	.009	.0055	.0020	.0042	.0001	.0196	.920
%RSD	229.	34.55	-223.6	10.96	17.32	58.34	221.
#1	.001	.0132	-.0025	.0337	.0006	.0169	-.005
#2	.015	.0221	.0014	.0420	.0008	.0287	-.000
#3	-.003	.0122	-.0016	.0388	.0006	.0551	.032
Elem	Tl3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	-.0001	.0008	.0003				
SDev	.0003	.0013	.0002				
%RSD	299.8	157.0	233.8				
#1	-.0001	-.0003	.0004				
#2	.0002	.0022	.0008				
#3	-.0004	.0005	-.0004				

Method: MASTER1 Sample Name: PB_16_97 Operator: SC
 Run Time: 04/17/91 12:52:35
 Comment: RIDGEFIELD BRICK & TILE/DISSOLVED
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2266
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	.0665	.014	.002	.00013	.00051	.0394	.0009
SDev	.0016	.005	.007	.00017	.00000	.0036	.0022
%RSD	2.472	35.3	380.	94.676	.54290	9.204	250.5
#1	.0672	.019	-.006	.00020	.00051	.0363	.0006
#2	.0646	.014	.005	-.00001	.00051	.0434	-.0011
#3	.0677	.009	.002	.00020	.00051	.0386	.0032
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	.0139	.036	.0022	-.0010	-.0004	.0035	.173
SDev	.0025	.003	.0009	.0004	.0004	.0010	.017
%RSD	17.72	7.68	41.00	-43.06	-114.2	28.40	9.69
#1	.0167	.039	.0022	-.0013	-.0006	.0043	.179
#2	.0126	.034	.0015	-.0013	-.0006	.0024	.154
#3	.0124	.035	.0032	-.0005	.0001	.0038	.186
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	T_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	.014	.0059	.066	.0001	.0011	-.0008	.762
SDev	.008	.0024	.003	.0000	.0008	.0009	.093
%RSD	55.0	40.55	4.34	3.269	74.16	-114.3	12.2
#1	.020	.0086	.069	.0001	.0011	-.0006	.085
#2	.005	.0045	.063	.0001	.0020	.0000	.237
#3	.017	.0045	.067	.0001	.0003	-.0017	.865
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	-.014	.0523	-.0013	.0885	.0006	.0317	.009
SDev	.004	.0057	.0010	.0027	.0001	.0129	.015
%RSD	25.7	10.97	-.76.65	3.050	21.65	40.77	151.
#1	-.018	.0490	-.0002	.0900	.0006	.0422	-.003
#2	-.013	.0490	-.0022	.0853	.0004	.0172	.020
#3	-.011	.0590	-.0016	.0900	.0006	.0356	.005
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
AvgE	.0009	.0014	.0020				
SDev	.0005	.0017	.0002				
%RSD	50.92	121.4	12.32				
#1	.0008	.0030	.0017				
#2	.0005	-.0003	.0021				
#3	.0015	.0014	.0021				

Method:	MASTER1	Sample Name:	PB.15.75	Operator:	SC		
Run Time:	04/17/91 12:57:24						
Comment:	BOISE CASCADE/						
Mode:	CONC	Corr. Factors:	1				
Elem	A13082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0523	.001	.000	.00013	.00051	.0141	.0009
SDev	.0120	.003	.026	.00025	.00000	.0036	.0005
%RSD	19.24	347.	207000.	188.15	.30638	25.45	57.58
#1	.0489	-.001	-.030	-.00001	.00051	.0102	.0006
#2	.0659	.004	.014	-.00001	.00051	.0173	.0006
#3	.0720	-.001	.017	.00042	.00051	.0149	.0014
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0243	.044	.0072	.0008	.0005	.0126	.169
SDev	.0004	.007	.0020	.0016	.0017	.0024	.061
%RSD	1.689	15.3	27.50	210.1	348.6	18.72	35.8
#1	.0240	.037	.0071	.0003	.0001	.0115	.104
#2	.0240	.045	.0053	-.0005	-.0010	.0110	.182
#3	.0247	.051	.0093	.0026	.0023	.0153	.223
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	PPM	ppm	ppm	ppm	ppm	ppm
Avge	.013	.0036	.045	.0000	.0014	.0040	.668
SDev	.004	.0006	.023	.000	.0028	.0047	.244
%RSD	33.0	15.79	50.7	-3020.	198.4	116.7	36.6
#1	.012	.0030	.020	-.0003	.0007	.0092	.428
#2	.009	.0037	.050	-.0003	-.0010	.0000	.660
#3	.017	.0041	.064	.0005	.0045	.0029	.917
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.007	.0828	-.0001	.0517	.0005	.0326	.003
SDev	.014	.0069	.0021	.0088	.0001	.0170	.003
%RSD	188.	8.382	-1433.	16.94	24.74	52.23	91.4
#1	-.009	.0749	-.0011	.0428	.0004	.0160	.000
#2	.015	.0858	-.0016	.0521	.0004	.0500	.006
#3	.016	.0878	.0022	.0603	.0006	.0317	.004
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	.0090	.0019	.0034				
SDev	.0005	.0010	.0004				
%RSD	5.267	49.62	12.31				
#1	.0086	.0014	.0034				
#2	.0089	.0014	.0030				
#3	.0095	.0030	.0038				

don't report

Method: MASTER1 Sample Name: 91130133 Operator: SC
 Run Time: 04/17/91 13:02:11

Comment: BOISE CASCADE/BY METH. 3050
Mode: CONC Corr. Factor: 1

do not report

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.812	.024	-.100	.3134	.00025	.0322	.0024
SDev	.073	.008	.013	.00628	.00026	.0013	.0009
%RSD	2.613	31.5	-.12.7	2.003	103.79	4.068	35.76
#1	2.728	.024	-.115	.3064	.00051	.0315	.0033
#2	2.865	.016	-.092	.3184	.00025	.0337	.0015
#3	2.843	.031	-.094	.3155	-.00001	.0313	.0024
Elem	Ca3933	Ca1179	Cr2677	Co2286	Cu3247	Fe2595	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	244.6	754.	.5338	.0005	.0494	4.874	3.80
SDev	2.0	21.	.0083	.0016	.0008	.109	.13
%RSD	.8194	2.82	1.557	355.1	1.541	2.236	3.34
#1	242.2	729.	.5245	.0017	.0486	4.749	3.65
#2	245.8	767.	.5404	.0010	.0497	4.951	3.85
#3	245.6	766.	.5367	-.0014	.0500	4.922	3.88
Elem	Pb2202	Mg2795	Mg3832	Mn2578	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.024	8.363	9.38	1.261	.0014	.0256	.196
SDev	.012	.211	.24	.031	.0022	.0018	.261
%RSD	49.2	2.527	2.52	2.421	153.3	7.183	133.
#1	.037	8.119	9.11	1.226	.0031	.0270	-.087
#2	.022	8.491	9.52	1.281	.0023	.0235	.247
#3	.014	8.478	9.51	1.276	-.0011	.0264	.427
Elem	Se1960	Si2516	Ag3280	Na5887	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.013	1.372	-.0001	9.652	.9853	.1294	.004
SDev	.021	.038	.0009	.163	.0206	.0028	.008
%RSD	165.	2.799	-.619.8	1.688	2.091	2.130	181.
#1	.036	1.328	.0002	9.465	.9620	.1205	.003
#2	.004	1.392	-.0011	9.758	1.001	.1314	.013
#3	-.003	1.396	.0005	9.735	.9930	.1262	-.003
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	.1322	.0027	.1480				
SDev	.0011	.0025	.0037				
%RSD	.8492	93.48	2.474				
#1	.1313	.0052	.1437				
#2	.1325	.0027	.1501				
#3	.1319	.0002	.1501				

Method: MASTER1 Sample Name: 91130133 SPK Operator: SC
Run Time: 04/17/91 13:07:17
Comment: BOISE CASCADE/BY METH. 3050
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.205	.056	5.42	199.45	.00048	.0387	2.358
SDev	.617	.023	1.76	37.06	.00066	.0070	.748
%RSD	28.00	41.9	22.5	33.861	136.65	17.96	31.71
#1	1.492	.031	3.39	66.657	.00125	.0307	1.495
#2	2.557	.078	6.47	131.22	.00010	.0428	2.772
#3	2.565	.058	6.41	130.47	.00010	.0427	2.809
Elem	Ca3935	Ca317%	Cr2677	Co2286	Cu3247	Fe259%	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	218.3	597.	5.984	.0659	.0307	3.281	2.70
SDev	36.9	181.	1.721	.0045	.0091	1.006	.51
%RSD	16.91	30.3	28.76	6.841	29.72	30.66	18.9
#1	175.7	388.	3.996	.0608	.0202	2.119	2.11
#2	239.4	700.	5.966	.0692	.0362	3.861	2.97
#3	239.9	704.	5.989	.0677	.0358	3.861	3.01
Elem	Pb220	Mg2795	Mg3832	Mn2576	Mo2020	Ni2318	Tl7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.51	6.584	7.55	.9382	.0052	.0296	.573
SDev	1.68	1.992	2.15	.2843	.0046	.0088	.573
%RSD	30.5	30.26	28.7	30.30	87.53	29.70	100.
#1	3.57	4.283	5.05	.6100	.0105	.0396	1.22
#2	6.47	7.718	8.78	1.102	.0024	.0236	.144
#3	6.48	7.750	8.82	1.103	.0028	.0254	.350
Elem	Se196	Si2514	Ag3280	Na5839	Sn4215	Sn189%	Tl190E
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.900	.7590	1.289	7.777	.7856	.1231	-.003
SDev	.222	.1952	.404	2.052	.2384	.0288	.018
%RSD	24.7	25.71	31.37	26.38	30.34	23.43	-.585.
#1	.644	.5336	.8219	5.408	.5104	.0947	-.022
#2	1.02	.8707	1.517	8.964	.9244	.1524	.015
#3	1.04	.8726	1.527	8.959	.9221	.1221	-.002
Elem	Ti334	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	.0976	-.0011	.1007				
SDev	.0324	.0255	.0294				
%RSD	33.24	-.2335	29.20				
#1	.0601	.0283	.0668				
#2	.1169	-.0166	.1167				
#3	.1157	-.0150	.1188				

do not report

Method: MASTER1 Sample Name: 91130133-D_SFK Operator: SC
 Run Time: 04/17/91 13:16:10
 Comment: BOISE CASCADE/BY METH. 3050
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	PPM						

Avg	2.543	.062	6.33	129.92	.00019	.0333	2.878
SDev	.079	.020	.24	4.18	.00016	.0002	.115
%RSD	3.113	32.8	3.85	3.2180	81.152	.5709	4.133
#1	2.452	.060	6.05	125.10	.00037	.0335	2.723
#2	2.588	.065	6.48	132.58	.00010	.0332	2.909
#3	2.590	.080	6.46	132.09	.00010	.0332	2.941
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	238.8	694.	6.947	.0762	.0379	3.883	3.05
SDev	2.5	24.	.230	.0008	.0021	.125	.13
%RSD	1.027	3.46	3.312	1.013	5.653	3.221	4.19
#1	235.9	666.	6.681	.0761	.0354	3.739	2.90
#2	240.1	708.	7.077	.0770	.0391	3.961	3.13
#3	240.3	708.	7.082	.0754	.0391	3.949	3.11
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.46	7.662	8.67	1.103	.0033	.0347	.213
SDev	.21	.261	.29	.037	.0017	.0087	.193
%RSD	3.30	3.411	3.30	3.324	49.42	24.96	90.6
#1	8.21	7.361	8.34	1.061	.0048	.0320	-.010
#2	8.58	7.813	8.83	1.124	.0037	.0445	.324
#3	8.58	7.814	8.85	1.125	.0016	.0278	.324
Elem	Se1960	Si2515	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.06	1.068	2.422	8.769	.9078	.1501	-.004
SDev	.01	.032	.084	.185	.0248	.0007	.008
%RSD	1.16	3.036	3.452	2.105	2.733	.4477	-.183.
#1	1.05	1.031	2.326	8.557	.8792	.1501	-.014
#2	1.07	1.082	2.466	8.891	.9230	.1508	-.003
#3	1.06	1.091	2.474	8.859	.9213	.1495	.003
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	.1197	-.0128	.1209				
SDev	.0027	.0032	.0049				
%RSD	2.275	-.24.75	4.030				
#1	.1166	-.0091	.1154				
#2	.1216	-.0142	.1226				
#3	.1210	-.0150	.1247				

do not report

Method: MASTER1 Sample Name: 91130133 1:5 P/L Operator: SC
 Run Time: 04/17/91 13:27:55
 Comment: BOISE CASCADE/BY METH. 3050
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6606	.018	-.032	.06677	.00059	.0129	.0006
SDev	.0144	.008	.004	.00088	.00015	.0014	.0000

%RSD	2.185	41.9	-11.6	1.3189	24.827	10.67	.1805
#1	.6439	.027	-.037	.06575	.00051	.0138	.0006
#2	.6697	.017	-.030	.06728	.00075	.0137	.0006
#3	.6685	.012	-.031	.06728	.00051	.0113	.0006
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	114.6	161.	1191	-.0003	.0106	1.078	1.25
SDev	1.5	4.	.0015	.0016	.0008	.021	.05
%RSD	1.300	2.34	1.291	-.569.5	7.214	1.946	3.71
#1	112.8	157.	1189	.0010	.0100	1.056	1.20
#2	115.4	164.	1207	.0002	.0115	1.094	1.29
#3	115.4	163.	1177	-.0021	.0104	1.087	1.26
Elem	Fb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni231e	N_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.014	1.871	2.14	.2765	.0010	.0020	.359
SDev	.009	.038	.05	.0061	.0015	.0055	.155
%RSD	61.2	2.055	2.48	2.210	144.0	268.5	43.1
#1	.021	1.827	2.08	.2699	-.0004	.0018	.197
#2	.018	1.896	2.18	.2815	.0026	.0076	.505
#3	.004	1.890	2.17	.2792	.0009	-.0033	.377
Elem	Se1960	Si2514	Ag3280	Na5989	Sr4215	Sn1899	Tl11908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.004	.3834	.0000	2.711	.2111	.0460	-.001
SDev	.008	.0110	.0016	.042	.0032	.0194	.023
%RSD	-.213.	2.879	14070	1.532	1.512	42.29	-.2020
#1	.004	.3950	-.0018	2.663	.2074	.0610	-.007
#2	-.003	.3820	.0016	2.727	.2129	.0528	-.021
#3	-.012	.3731	.0000	2.733	.2131	.0240	.025
Elem	Fl3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	.0278	.0010	.0379				
SDev	.0010	.0005	.0075				
%RSD	5.598	48.79	19.71				
#1	.0267	.0013	.0465				
#2	.0285	.0013	.0338				
#3	.0282	.0004	.0334				

do not report

Method: MASTER1 Sample Name: 2% NITRIC ACID Operator: SC
 Run time: 04/17/91 13:38:35
 Comment: RIDGEFIELD BRICK AND TILE /DISSOLVED
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2268
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0421	.018	.007	.00021	.00051	.0047	.0006
SDev	.0018	.009	.012	.00000	.00000	.0036	.0017
%RSD	4.359	47.9	154.	.04972	.31167	77.58	298.3

#1	.0418	.027	-.002	.00021	.00051	.0055	.0023
#2	.0405	.019	.020	.00021	.00051	.0078	.0008
#3	.0441	.009	.004	.00021	.00051	.0007	-.0011
Elem	Ca2933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0018	.019	.0006	-.0016	.0001	.0003	.141
SDev	.0003	.001	.0013	.0004	.0000	.0010	.001
%RSD	14.50	5.57	209.7	-.28.76	.1131	.14.4	.914
#1	.0021	.019	.0010	-.0021	.0001	.0014	.142
#2	.0018	.020	.0016	-.0013	.0001	.0000	.140
#3	.0016	.018	-.0008	-.0013	.0001	-.0005	.142
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	T_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.008	.0007	.049	-.0003	.0017	-.0017	.694
SDev	.008	.0006	.003	.0000	.0032	.0011	.065
%RSD	100.	0065	6.56	-.6.178	188.2	-.66.64	9.32
#1	.012	.0007	.045	-.0003	.0053	-.0029	.634
#2	.014	.0007	.052	-.0003	-.0005	-.0017	.762
#3	-.001	.0007	.050	-.0003	.0003	-.0006	.685
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.004	.0132	.0002	.0293	.0006	.0405	.014
SDev	.017	.0010	.0005	.0042	.0000	.0140	.024
%RSD	-.395.	7.556	197.6	14.21	.0000	34.66	175.
#1	-.002	.0132	.0002	.0297	.0006	.0527	-.017
#2	.011	.0122	.0007	.0250	.0006	.0435	.019
#3	-.022	.0142	-.0002	.0333	.0006	.0252	.034
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	-.0002	.0000	.0003				
SDev	.0002	.001	.0002				
%RSD	-.86.58	-.6727.	87.97				
#1	-.0001	.0005	.0000				
#2	-.0001	.0005	.0004				
#3	-.0004	-.0011	.0004				

Method: MASTER1 Sample Name: PB.14.72 Operator: SC
 Run Time: 04/17/91 13:45:03
 Comment: RIDGEFIELD BRICK AND TILE, TOTAL
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1938	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0703	-.001	-.003	.00020	.00009	.0639	.0006
SDev	.0034	.008	.006	.00038	.00015	.0027	.0023
%RSD	4.860	-.887.	-.226.	189.53	174.22	4.270	393.1
#1	.0743	.007	.004	.00042	.00026	.0670	.0014
#2	.0682	-.008	-.007	-.00024	.00000	.0623	-.0020

#3	.0686	-.001	-.005	.00042	.00000	.0623	.0023
Elem	Ca3933	Ca3179	Cr2677	Ca2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133	.044	.0012	-.0003	.0001	.0027	.246
SDev	.0001	.002	.0020	.0025	.0011	.0012	.023
%RSD	.7738	3.77	161.8	-932.0	939.4	44.47	9.24
#1	.0134	.046	.0035	.0025	.0012	.0038	.269
#2	.0133	.045	.0004	-.0013	-.0010	.0014	.224
#3	.0133	.042	-.0002	-.0021	.0001	.0029	.244
Elem	Pb2202	Mg2793	Mg3832	Mn2576	Mo2020	Ni2318	K_7564
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.003	.0026	.096	.0000	-.0004	.0004	1.16
SDev	.003	.0004	.005	.000	.0002	.0035	.01
%RSD	93.3	14.28	5.10	-2837.	-60.21	901.4	1.28
#1	.005	.0030	.101	.0001	-.0005	.0040	1.17
#2	.000	.0022	.091	-.0003	-.0005	-.0029	1.15
#3	.002	.0026	.097	.0001	-.0001	.0000	1.15
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001	.0689	-.0003	.1140	.0008	.0556	.014
SDev	.008	.0020	.0016	.0048	.0000	.0098	.007
%RSD	780.	2.867	-536.3	4.163	.0000	17.69	53.3
#1	.007	.0709	.0014	.1183	.0008	.0500	.020
#2	-.010	.0669	-.0018	.1089	.0008	.0670	.015
#3	.000	.0689	-.0004	.1148	.0008	.0499	.006
Elem	Tl3349	V_2924	In2138				
Units	ppm	ppm	ppm				
Avg	.0009	.0008	.0032				
SDev	.0007	.0019	.0009				
%RSD	69.38	237.7	27.10				
#1	.0015	.0030	.0042				
#2	.0002	-.0003	.0025				
#3	.0011	-.0003	.0030				

Method: MASTER1 Sample Name: 91130150 Operator: SC
 Run Time: 04/17/91 13:49:10
 Comment: RIDGEFIELD BRICK AND TILE/TOTAL
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677	.011	-.013	.00086	.00025	.0520	.0017
SDev	.0068	.010	.010	.00000	.00026	.0014	.0013
%RSD	9.969	87.6	73.4	.36899	103.21	2.669	74.17
#1	.0621	.004	-.023	.00086	-.00001	.0528	.0006
#2	.0659	.007	-.012	.00086	.00025	.0528	.0014
#3	.0752	.022	-.004	.00085	.00051	.0504	.0032

Elem	Cr3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0280	.061	.0008	-.0013	.0010	.0043	.246
SDev	.0004	.003	.0046	.0035	.0013	.0010	.040
%RSD	1.291	5.52	573.5	-273.0	132.2	22.26	16.0
#1	.0284	.061	-.0045	-.0044	.0009	.0052	.219
#2	.0277	.058	.0028	-.0021	-.0003	.0033	.228
#3	.0279	.065	.0041	.0026	.0023	.0043	.291
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.001	.0032	.100	.0001	.0006	-.0008	1.31
SDev	.015	.0002	.012	.0004	.0009	.0054	.05
%RSD	-2530.	8.662	11.9	328.5	151.6	-710.2	4.08
#1	-.023	.0034	.095	.0001	.0003	-.0069	1.35
#2	.009	.0030	.090	-.0003	-.0001	.0035	1.25
#3	.012	.0034	.113	.0005	.0016	.0012	1.33
Elem	Se1960	Si2516	Ag3280	Na5884	Sr4215	Sn1899	Tl11908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.002	.0656	.0008	.1934	.0009	.0425	.039
SDev	.028	.0056	.0012	.0080	.0001	.0171	.011
%RSD	1540.	9.597	164.4	4.128	13.32	40.19	28.8
#1	-.015	.0640	.0007	.1871	.0008	.0368	.031
#2	-.009	.0610	-.0004	.1907	.0008	.0290	.035
#3	.034	.0719	.0020	.2024	.0010	.0617	.052
Elem	Li3347	V_2924	Zn213E				
Units	ppm	ppm	ppm				
Avge	.0015	-.0011	.0024				
SDev	.0003	.0039	.0003				
%RSD	21.44	-336.0	10.42				
#1	.0018	-.0053	.0025				
#2	.0011	-.0003	.0025				
#3	.0015	.0022	.0021				

Method: MASTER1 Sample Name: 91130152

Operator: SC

Run Time: 04/17/91 13:53:14

Comment: RIDGEFIELD BRICK AND TILE/TOTAL

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.77	-.017	-.095	.08819	.00127	.0697	.0032
SDev	14.41	.045	.210	.02854	.00061	.0170	.0011
%RSD	31.48	-269.	-221.	32.358	47.932	24.39	34.86
#1	29.14	-.067	-.335	.05524	.00067	.0501	.0020
#2	53.81	.001	-.006	.10435	.00162	.0796	.0034
#3	54.37	.016	.056	.10498	.00162	.0794	.0043
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm

Avg	7.240	B,42	1.0259	.0071	.0142	20.91	23.4
SDev	2.636	2.85	.0066	.0016	.0004	6.93	7.2
%RSD	36.41	33.9	25.54	23.01	2.710	33.13	31.0
#1	4.197	5.13	.0183	.0052	.0141	12.92	15.0
#2	8.702	10.0	.0288	.0081	.0146	24.80	27.4
#3	8.821	10.1	.0306	.0081	.0139	25.03	27.7
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.043	8.412	8.36	.1266	.0111	.0173	3.71
SDev	.032	2.898	2.72	.0441	.0210	.0012	.65
%RSD	74.7	34.45	32.5	34.79	189.1	6.630	17.4
#1	.080	5.066	5.23	.0758	.0353	.0184	4.46
#2	.019	10.04	9.88	.1515	-.0017	.0173	3.35
#3	.031	10.13	9.98	.1527	-.0004	.0161	3.33
Elem	Se1960	Bi2515	Ag3280	Na588	Sr4215	Sn1899	Tl1190
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.071	86.34	.0043	12.28	.1086	.1946	-.049
SDev	.122	26.99	.0084	4.73	.0372	.0376	.078
%RSD	171.	31.27	195.9	35.25	34.25	19733	-161.
#1	.211	55.17	.0140	7.281	.0657	.1513	-.139
#2	-.011	101.5	-.0003	14.57	.1293	.2189	-.011
#3	.014	102.3	-.0008	14.88	.1309	.2137	.043
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	1.860	.0498	.0544				
SDev	.592	.0130	.0177				
%RSD	21.83	25.98	32.52				
#1	1.177	.0350	.0340				
#2	2.198	.0556	.0650				
#3	2.206	.0589	.0642				

Method: MASTER1 Sample Name: 91130154

Operator: SC

Run Time: 04/17/91 13:57:43

Comment: RIDGEFIELD BRICK AND TILE/TOTAL

Mode: CONC Corr. Factor: 1

Elem	Al3082	Se2068	As1936	Ba4934	Be3130	B_2496	Cd2289
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.14	-.041	-.130	.06529	.00125	.0690	.0010
SDev	20.83	.085	.294	.04249	.00042	.0312	.0017
%RSD	62.85	-.208.	-.226.	65.069	33.187	45.23	179.3
#1	9.090	-.139	-.468	.01624	.00080	.0331	-.0010
#2	45.00	.002	.061	.08983	.00161	.0894	.0015
#3	45.33	.014	.017	.08982	.00135	.0846	.0023
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.257	7.29	.0221	.0066	.0099	15.09	17.0
SDev	4.282	4.72	.0025	.0023	.0027	9.93	10.5

%RSD	68.45	64.7	11.35	55.52	27.69	65.77	61.6
#1	1.312	1.84	.0193	.0092	.0068	3.631	4.89
#2	8.697	10.0	.0242	.0046	.0109	20.77	23.0
#3	6.761	10.0	.0228	.0061	.0120	20.88	23.1
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.044	6.953	6.96	.0977	.0048	.0173	3.15
SDev	.030	4.642	4.35	.0660	.0091	.0079	.38
%RSD	67.7	56.77	62.5	67.58	189.6	45.77	12.1
#1	.079	1.592	1.94	.0215	.0153	.0259	3.59
#2	.029	9.621	9.46	.1355	.0006	.0155	2.97
#3	.025	9.645	9.49	.1362	-.0015	.0104	2.89
Elem	Se1960	Si2515	Ag3280	Na5889	Sr4215	Sn1899	Tl11908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.039	63.58	.0033	10.77	.0929	.1572	-.040
SDev	.047	39.92	.0071	7.05	.0603	.0759	.069
%RSD	119.	62.78	212.9	65.52	64.84	48.29	-171.
#1	.090	17.49	.0115	2.622	.0234	.0697	-.119
#2	.028	86.53	-.0007	14.79	.1274	.1967	.006
#3	-.001	86.73	-.0007	14.90	.1280	.2051	-.007
Elem	Ti3249	V_2924	Zn213	-	-	-	-
Units	ppm	ppm	ppm				
Avg	1.338	.0393	.0425				
SDev	.880	.0167	.0280				
%RSD	65.81	42.55	65.95				
#1	.3212	.0200	.0102				
#2	1.837	.0501	.0599				
#3	1.855	.0477	.0573				

Method: MASTER1 Sample Name: 91130158 Operator: SC

Run Time: 04/17/91 14:02:36

Comment: RIDGEFIELD BRICK AND TILE/TOTAL

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.550	.020	-.013	.02322	.00061	.1066	.0015
SDev	.018	.008	.020	.00033	.00015	.0026	.0009
%RSD	1.187	40.8	-.160.	1.4330	24.204	3.346	58.27
#1	1.569	.011	-.033	.02330	.00052	.1035	.0006
#2	1.533	.023	-.013	.02286	.00052	.1058	.0015
#3	1.548	.026	.008	.02351	.00078	.1105	.0023
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.66	23.1	.0028	-.0003	.0013	1.013	1.42
SDev	.11	.7	.0015	.0012	.0006	.013	.03
%RSD	.5496	1.33	95.48	-.345.3	48.53	1.299	2.31

#1	19.62	22.8	.0042	-.0006	.0006	1.025	1.39
#2	19.58	23.0	.0011	-.0014	.0017	.9992	1.41
#3	19.76	23.4	.0030	.0009	.0017	1.014	1.45
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	P_7664
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.012	21.39	21.2	.0273	.0011	.0031	1.81
SDev	.007	.20	.2	.0004	.0018	.0047	.10
%RSD	55.0	.9577	.755	1.593	155.7	151.4	57.75
#1	.019	21.22	21.0	.0271	.0006	.0023	1.71
#2	.012	21.32	21.1	.0271	-.0003	.0081	1.79
#3	.005	21.62	21.4	.0278	.0031	-.0011	1.92
Elem	Se1960	Si251	Ag3290	Na5889	Sr4215	Sn1899	Tl1908
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.009	34.52	-.0002	8.920	.2759	.1136	1009
SDev	.011	.30	.0008	.041	.0016	.0055	1005
%RSD	114.	.8734	-.415.2	.4591	.3848	4.839	57.6
#1	.016	34.29	-.0009	8.897	.2765	.1147	.005
#2	-.003	34.41	-.0004	8.897	.2756	.1185	.015
#3	.014	34.86	.0007	8.968	.2787	.1077	.007
Elem	Ti3349	V_2924	Zn2138				
Unit	ppm	ppm	ppm				
Avg	.0648	.0079	.0357				
SDev	.0024	.0000	.0006				
%RSD	3.73	.0467	1.793				
#1	.0674	.0079	.0352				
#2	.0628	.0079	.0358				
#3	.0640	.0079	.0364				

Method: MASTER1 Sample Name: 91130162 Operators: SC

Run Time: 04/17/91 14:06:58

Comment: RIDGEFIELD BRICK AND TILE/TOTAL

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Bd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969	.016	-.004	.03388	.00051	.2315	.0013
SDev	.063	.008	.013	.00033	.00000	.0095	.0013
%RSD	3.174	46.5	-.328.	.97694	.41123	4.121	100.9
#1	1.950	.009	.005	.03360	.00051	.2213	.0016
#2	1.919	.016	.002	.03425	.00051	.2402	.0024
#3	2.039	.024	-.019	.03381	.00051	.2331	-.0001
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20	12.0	-.0009	.0016	.0013	5.784	6.69
SDev	.06	.1	.0018	.0013	.0006	.060	.09
%RSD	.6126	1.16	208.0	86.19	43.51	1.034	1.28
#1	10.13	11.8	.0028	.0031	.0012	5.718	6.60
#2	10.25	12.0	-.0008	.0008	.0019	5.801	6.70

#3	10.22	12.1	.04967	.0008	.0008	5.835	6.77
Elem	Pb220	Mg2795	Mg3632	Mn2576	Mo2020	Ni2316	K_7664
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001	4.929	4.87	1.370	.0006	.0013	2.23
SDev	.011	.044	.05	.014	.0036	.0098	.14
%RSD	-17.0	.8979	.991	1.058	625.6	730.0	6.33
#1	.010	4.878	4.82	1.354	.0038	.0127	2.07
#2	-.012	4.951	4.91	1.380	-.0033	-.0040	2.33
#3	.000	4.957	4.90	1.377	.0013	-.0046	2.30
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007	16.10	-.0010	8.704	.1017	.0924	.011
SDev	.007	.19	.0016	.064	.0008	.0176	.007
%RSD	-103.	1.205	-.161.9	.7359	.7388	19.09	62.4
#1	.001	15.90	-.0013	8.636	.1009	.1069	.018
#2	-.009	16.10	.0007	8.763	.1024	.0728	.004
#3	-.012	16.29	-.0024	8.713	.1020	.0974	.011
Elem	Ti3347	V_2924	Zn2138				
Unit	ppm	ppm	ppm				
Avg	.0687	.0018	.0364				
SDev	.0024	.0013	.0005				
%RSD	3.421	69.25	1.333				
#1	.0684	.0032	.0358				
#2	.0665	.0007	.0367				
#3	.0712	.0016	.0367				

Method: MASTER1 Sample Name: 91130164 Operator: SC
 Run Time: 04/17/91 14:11:25
 Comment: RIDGEFIELD BRICK AND TILE/TOTAL
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.391	.015	.002	.03103	.00052	.1611	.0013
SDev	.154	.012	.009	.00087	.00000	.0062	.0010
%RSD	3.505	81.0	554.	2.8165	.30391	3.842	78.18
#1	4.225	.001	.008	.03009	.00052	.1541	.0007
#2	4.421	.019	-.008	.03117	.00052	.1658	.0024
#3	4.529	.024	.005	.03183	.00052	.1634	.0007
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.403	8.78	.0045	.0021	.0035	3.368	4.09
SDev	.089	.17	.0005	.0012	.0020	.088	.13
%RSD	1.200	1.97	10.19	56.75	55.68	2.619	3.29
#1	7.300	8.58	.0041	.0023	.0013	3.271	3.94
#2	7.445	8.85	.0044	.0008	.0042	3.387	4.16
#3	7.462	8.90	.0050	.0031	.0050	3.445	4.18

Elem	Pb2202	Mg2795	Mg3932	Mn2575	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.007	3.667	3.64	.5675	.0011	.0050	2.35
SDev	.010	.063	.06	.0092	.0004	.0069	.18
%RSD	146.	1.720	1.73	1.622	39.44	138.5	7.77
#1	-.003	3.595	3.57	.5570	.0007	.0121	2.15
#2	.007	3.696	3.67	.5717	.0015	.0046	2.38
#3	.017	3.711	3.69	.5740	.0011	-.0017	2.51
Elem	Se1960	Si2516	Ag3280	Na5864	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.006	21.26	.0006	7.588	.0733	.0877	.016
SDev	.007	.52	.0021	.096	.0010	.0076	.016
%RSD	116.	2.464	368.8	1.267	1.403	8.669	99.1
#1	.015	20.67	-.0015	7.477	.0721	.0794	.028
#2	.002	21.41	.0005	7.638	.0738	.0894	-.002
#3	.003	21.69	.0027	7.649	.0740	.0944	.021
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	.1650	.0071	.0448				
SDev	.0072	.0009	.0019				
%RSD	4.361	11.32	4.312				
#1	.1574	.0060	.0427				
#2	.1658	.0076	.0453				
#3	.1717	.0076	.0485				

Method: MASTER1 Sample Name: 1PPM QC 19 Operator:

Run Time: 04/17/91 14:17:19

Comment: CCV

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2269
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006	.995	1.02	.00009	1.0089	.0175	1.094
SDev	.0093	.012	.02	.00038	.0021	.0041	.014
%RSD	9.202	1.15	2.04	416.74	.20682	22.81	1.308
#1	.0918	.982	1.00	-.00013	1.0066	.0155	1.079
#2	.1102	1.00	1.07	.00052	1.0107	.0226	1.108
#3	.0997	.997	1.04	-.00013	1.0094	.0155	1.096
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	QC Pass	NOCHECK	QC Pass
Value		1.00	1.00		1.0000		1.000
Range		10.0	10.0		10.000		10.00
Elem	Ca3933	Ca3179	Cr2677	Cc2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000	1.22	1.073	1.061	.9822	1.047	1.61
SDev	.003	.01	.010	.009	.0017	.006	.05
%RSD	.2610	.929	.9020	.8413	.1744	.5689	2.94
#1	1.002	1.21	1.066	1.054	.9812	1.042	1.56
#2	.9974	1.23	1.084	1.071	.9812	1.053	1.66

#3	1.002	1.21	1.068	1.058	.9842	1.045	1.60
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value			1.000	1.000	1.000	1.000	
Range			10.00	10.00	10.00	10.00	
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	F_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.04	1.069	1.17	1.060	1.032	1.044	1.82
SDev	.01	.004	.01	.005	.007	.012	.19
%RSD	.997	.4026	.997	.4389	.6480	.178	10.6
#1	1.03	1.064	1.16	1.056	1.025	1.055	1.71
#2	1.05	1.073	1.18	1.065	1.036	1.047	2.04
#3	1.04	1.068	1.16	1.059	1.037	1.031	1.71
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.00	1.000		1.000	1.000	1.000	
Range	10.0	10.00		10.00	10.00	10.00	
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1190S
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.973	.0506	-.0050	.0738	.0011	.0727	1.07
SDev	.002	.0067	.0027	.0011	.0001	.0075	.04
%RSD	.163	13.32	-.53.80	1.550	10.83	10.26	3.68
#1	.975	.0483	-.0076	.0727	.0010	.0789	1.03
#2	.972	.0582	-.0022	.0736	.0013	.0644	1.07
#3	.972	.0453	-.0053	.075	.0010	.0749	Q1.10
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.00						1.00
Range	10.0						10.0
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	1.022	.9885	01.104				
SDev	.002	.0044	.008				
%RSD	.2195	.4428	.7509				
#1	1.020	.9852	1.096				
#2	1.023	.9935	01.113				
#3	1.024	.9869	01.103				
Errors	QC Pass	QC Pass	QC Fail				
Value	1.000	1.000	1.000				
Range	10.00	10.00	10.00				

Method: MASTER1 Sample Name: 91130166 Operator: SC
 Run Time: 04/17/91 14:22:49
 Comment: RIDGEFIELD BRICK AND TILE/TOTAL
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2498	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.416	.021	.003	.03216	.00059	.1974	.0010
SDev	.240	.034	.011	.00348	.00031	.0275	.0018

%RSD	7.954	163.	347.	10.821	51.585	13.92	173.7
#1	2.683	-.009	-.009	.02814	.00024	.1671	.0016
#2	2.348	.014	.007	.03417	.00076	.2042	-.0010
#3	2.217	.059	.011	.03417	.00077	.2203	.0025
Elem	Ca393	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.487	11.3	-.0016	-.0016	.0025	6.230	7.24
SDev	1.256	1.5	.0086	.0074	.0012	.674	.70
%RSD	13.24	13.4	-.549.5	-.475.0	47.89	10.82	9.71
#1	8.037	9.56	-.0115	-.0101	.0034	5.452	6.42
#2	10.24	12.1	.0037	.0015	.0012	6.631	7.64
#3	10.18	12.2	.0031	.0038	.0030	6.607	7.64
Elem	Pb220	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018	4.655	4.60	1.288	.0010	-.0019	2.65
SDev	.037	.613	.57	.174	.0014	.0035	.25
%RSD	-.205.	13.16	12.4	13.52	137.2	-.182.8	9.54
#1	-.061	3.948	3.95	1.087	.0000	.0011	2.79
#2	.004	5.001	4.92	1.386	.0005	-.0057	2.35
#3	.002	5.016	4.94	1.392	.0026	-.0011	2.79
Elem	Se196	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.109	15.98	.0016	8.070	.0949	.0984	.013
SDev	.013	1.35	.0019	1.042	.0121	.0277	.015
%RSD	-.135.	E.418	117.6	12.91	12.76	28.12	118.
#1	.004	14.43	.0028	6.867	.0809	.0674	.001
#2	-.022	16.82	-.0006	8.703	.1022	.1072	.030
#3	-.010	16.68	.0028	8.640	.1015	.1206	.008
Elem	Ti334	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	.0883	-.0012	.0440				
SDev	.0080	.0070	.0053				
%RSD	9.064	-.558.2	12.14				
#1	.0973	-.0092	.0380				
#2	.0855	.0015	.0460				
#3	.0821	.0040	.0481				

Method: MASTER1 Sample Name: 9113016B Operator: SC
 Run Time: 04/17/31 14:27:09
 Comment: RIDGEFIELD BRICK AND TILE/TOTAL
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Se2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2066	.020	-.003	.03039	.00025	.0898	.0003
SDev	.0053	.006	.008	.00608	.00045	.0145	.0005
%RSD	2.572	28.0	-.336.	19.884	178.97	16.15	166.6

#1	.2037	.027	.001	.02358	-.00027	.0740	.0006
#2	.2035	.017	-.012	.03366	.00051	.0930	-.0003
#3	.2128	.017	.002	.03453	.00051	.1025	.0006
ELEM	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	1.090	1.33	-.0015	-.0047	.0016	.1007	.487
SDev	.198	.22	.0077	.0045	.0020	.0053	.053
%RSD	18.19	16.3	-496.3	-97.28	123.0	5.285	10.8
#1	.8610	1.07	-.0100	-.0098	.0031	.1068	.544
#2	1.207	1.45	.0004	-.0029	-.0006	.0968	.441
#3	1.202	1.47	.0050	-.0013	.0023	.0987	.475
ELEM	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	F_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	-.003	.0550	.217	.0045	-.0004	-.0033	1.92
SDev	.028	.0078	.037	.0043	.0029	.0075	.41
%RSD	-864.	14.13	16.9	94.66	-767.3	-229.8	21.4
#1	-.035	.0640	.254	.0094	-.0035	-.0109	2.33
#2	.010	.0509	.181	.0020	-.0001	-.0029	1.51
#3	.015	.0502	.217	.0020	.0024	.0040	1.92
ELEM	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1190S
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	-.003	5.675	.0005	2.016	.0089	.0617	.009
SDev	.005	1.146	.0036	.371	.0012	.0042	.032
%RSD	-169.	20.19	681.3	18.39	13.53	6.729	367.
#1	.001	4.352	.0038	1.588	.0075	.0664	.045
#2	-.008	6.321	-.0034	2.232	.0096	.0600	-.017
#3	-.001	6.353	.0011	2.227	.0096	.0586	-.001
ELEM	Ti2349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
AvgE	.0044	-.0023	.0291				
SDev	.0010	.0049	.0055				
%RSD	21.83	-215.3	18.77				
#1	.0052	-.0078	.0229				
#2	.0053	-.0003	.0314				
#3	.0046	.0013	.0350				

Method: MASTER) Sample Name: 91130152 SPK Operators: SC
Run Time: 04/17/91 14:31:15
Comment: RIDGEFIELD BRICK AND TILE/TOTAL
Mode: CONC Corr. Factor: 1

ELEM	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AvgE	50.04	.001	.047	.09671	.00118	.1152	.0022
SDev	5.31	.021	.102	.01209	.00040	.0141	.0006
%RSD	10.62	1980.	217.	12.505	33.688	12.20	28.15
#1	44.07	-.015	-.068	.08285	.00083	.0994	.0015
#2	51.77	-.006	.086	.10214	.00109	.1199	.0025

#3	54.27	.024	.123	.10513	.00161	.1264	.0025
Elem	Ce3933	Ce3179	Cr2677	Co2286	Cu3247	Fe2594	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.034	9.56	6.302	.0048	.0153	23.49	26.3
SDev	1.262	1.41	.0873	.0018	.0022	2.98	3.2
%RSD	15.59	14.7	13.86	38.34	14.07	12.71	12.1
#1	6.589	7.93	.5294	.0032	.0128	20.07	22.7
#2	6.704	10.3	.6764	.0067	.0166	24.82	27.5
#3	8.806	10.4	.6846	.0043	.0165	25.57	28.6
Elem	Fb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	Si_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.037	9.442	9.21	.1418	.0129	.0229	3.87
SDev	.045	1.320	1.25	.0214	.0251	.0082	.07
%RSD	122.	13.98	13.5	15.10	194.9	35.76	1.76
#1	.087	7.921	7.78	.1171	.0417	.0322	3.89
#2	.003	10.11	9.85	.1535	-.0045	.0168	3.79
#3	.020	10.29	10.0	.1549	.0015	.0197	3.92
Elem	Se1960	Si2516	Ag3280	Na5889	Er4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.100	95.73	.0004	13.58	.1195	.2165	.007
SDev	.147	10.11	.0010	2.06	.0179	.0346	.036
%RSD	148.	10.56	261.4	15.17	14.98	15.96	529.
#1	.269	84.32	.0011	11.20	.0988	.1827	-.025
#2	.005	99.32	.0008	14.69	.1288	.2151	-.001
#3	.025	103.6	-.0008	14.84	.1307	.2518	.047
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	2.034	.0518	.0637				
SDev	.186	.0061	.0092				
%RSD	9.120	11.71	14.41				
#1	1.829	.0452	.0531				
#2	2.084	.0530	.0683				
#3	2.190	.0571	.0696				

Method: MASTER1 Sample Name: 91170152 D 59 Operator: SC
Run Time: 04/17/91 14:35:49
Comment: RIDGEFIELD BRICK AND TILE/TOTAL
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.33	.014	.113	.10554	.00144	.1246	.0023
SDev	.38	.018	.018	.00054	.00030	.0034	.0013
%RSD	1.6792	124.	15.5	.51291	20.739	2.729	58.29
#1	54.90	.027	.094	.10493	.00110	.1217	.0008
#2	55.62	-.006	.128	.10596	.00161	.1236	.0026
#3	55.46	.022	.118	.10573	.00161	.1283	.0034

Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	PPM	ppm	ppm	ppm
Avg	8.666	10.3	.6655	.0089	.0157	25.94	29.0
SDev	.174	.3	.0170	.0024	.0013	.40	.5
%RSD	2.010	2.71	2.549	34.21	8.134	1.550	1.72
#1	8.467	10.0	.6464	.0043	.0150	25.48	28.4
#2	8.790	10.4	.6714	.0074	.0150	26.12	29.2
#3	8.741	10.5	.6788	.0089	.0172	26.22	29.3
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	PPM	ppm	ppm	ppm
Avg	.034	10.26	9.96	.1544	.0057	.0168	3.87
SDev	.014	.20	.18	.0040	.0076	.0093	.27
%RSD	39.2	1.999	1.85	2.614	134.7	55.20	6.91
#1	.032	10.02	9.75	.1499	.0144	.0156	3.71
#2	.023	10.34	10.1	.1557	.0006	.0265	3.71
#3	.049	10.40	10.1	.1576	.0019	.0081	4.18
Elem	Se1950	Si2518	Ag3280	Na5854	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.030	105.4	-.0009	14.52	.1288	.2279	.004
SDev	.048	1.2	.0025	.29	.0027	.0113	.029
%RSD	157.	1.112	-.277.0	1.990	2.116	4.939	551.
#1	.076	104.1	-.0019	14.19	.1257	.2352	-.019
#2	-.019	105.8	-.0028	14.73	.1307	.2149	-.005
#3	.034	106.3	.0019	14.64	.1301	.2336	.037
Elem	Ti3344	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avg	2.243	.0576	.0675				
SDev	.007	.0034	.0017				
%RSD	.3233	5.390	2.483				
#1	2.249	.0538	.0659				
#2	2.246	.0587	.0675				
#3	2.235	.0604	.0692				

Method: MASTER1 Sample Name: 2% NITRIC ACID

Operator: SC

Run Time: 04/17/91 14:41:41

Comment: RIDGEFIELD BRICK AND TILE/TOTAL

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1936	Ba4934	B_2496	Cd2288	
Units	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.1113	.002	-.004	.00012	.00016	.0132	.0006
SDev	.0144	.014	.011	.00050	.00060	.0027	.0000
%RSD	12.90	852.	-.278.	433.48	367.94	20.63	.1146
#1	.1275	.014	.003	.00041	-.00053	.0148	.0006
#2	.1003	-.013	.002	-.00047	.00051	.0101	.0006
#3	.1060	.004	-.017	.00040	.00051	.0148	.0006
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	PPM	ppm	ppm	ppm

Avg	.0041	.049	-.0045	-.0049	-.0003	.0076	.370
SDev	.0039	.003	.0102	.0070	.0007	.0059	.045
%RSD	96.17	5.84	-226.3	-142.9	-293.1	76.90	12.2
#1	.0086	.052	-.0161	-.0129	-.0002	.0143	.336
#2	.0020	.046	-.0002	-.0021	-.0010	.0033	.352
#3	.0016	.049	.0028	.0002	.0005	.0052	.421
Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2216	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014	.0030	.155	-.0001	-.0007	-.0035	1.71
SDev	.035	.0026	.012	.0004	.0057	.0061	.20
%RSD	-247.	86.72	7.70	-319.3	-843.3	-175.6	11.7
#1	-.053	.0060	.142	.0001	-.0064	-.0098	1.61
#2	-.005	.0015	.156	-.0007	-.0005	.0023	1.58
#3	.015	.0015	.166	.0001	.0049	-.0029	1.94
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.001	.0656	-.0001	.0647	.0012	.0524	-.005
SDev	.022	.0288	.0023	.0042	.0001	.0111	.012
%RSD	1520.	43.86	-1630.	6.478	10.19	21.27	-243.
#1	-.017	.0988	-.0009	.0636	.0010	.0641	-.015
#2	-.005	.0490	-.0020	.0612	.0013	.0419	-.007
#3	.026	.0489	.0025	.0694	.0013	.0511	.008
Elem	Ti3349	V_2924	In2138				
Units	ppm	ppm	ppm				
Avg	.0004	-.0039	.0000				
SDev	.0011	.0077	.000				
%RSD	263.3	-197.1	-3715.				
#1	.0015	-.0127	.0004				
#2	-.0007	-.0003	-.0004				
#3	.0005	.0013	.0000				

Method: MASTER1 Sample Name: 1PPM QC 19 Operator:

Run Time: 04/17/91 14:47:16

Comment: DCV

Mode: CONC Corr. Factor: 1

Elem	A13082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0978	.946	1.04	.00016	1.0216	.0179	1.087
SDev	.0018	.061	.02	.00025	.0198	.0041	.025
%RSD	1.803	6.46	1.58	154.58	1.9340	22.72	2.267
#1	.0981	0.877	1.02	.00031	.99899	.0132	1.059
#2	.0959	.965	1.05	-.0001	1.0305	.0202	01.102
#3	.0994	.995	1.05	.00031	1.0354	.0202	1.100
Error	NOCHECK	QC Pass	QC Pass	NOCHECK	QC Pass	NOCHECK	QC Pass
Value		1.00	1.00		1.0000		1.0000
Range		10.0	10.0		10.000		10.00

Elem	Ca3933	Ca3179	Cr2677	Co2286	Co3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	PPM	ppm	ppm	ppm
Avge	1.010	1.22	1.084	1.070	.9897	1.053	1.59
SDev	.016	.03	.019	.021	.0182	.019	.04
%RSD	1.603	2.06	1.718	1.934	1.843	1.851	2.54
#1	.9915	1.19	1.062	1.047	.9690	1.031	1.54
#2	1.017	1.23	1.096	1.088	.9967	1.060	1.61
#3	1.022	1.24	1.097	1.076	1.003	1.068	1.61
Errors	NOCHECK	NOCHECK	QC Pass ✓	QC Pass ✓	QC Pass ✓	QC Pass ✓	NOCHECK
Value			1.000 ✓	1.000	1.000	1.000	
Range			10.00	10.00	10.00	10.00	
Elem	Pb2202	Mg2795	Mg 3832	Mn2574	Mo2020	Ni2316	Tl 7664
Units	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Avge	1.04	1.076	1.15	1.069	1.036	1.068	1.43
SDev	.02	.021	.02	.021	.029	.025	.08
%RSD	2.37	1.922	2.05	1.928	2.837	2.383	5.47
#1	1.01	1.052	1.13	1.046	1.002	1.039	1.35
#2	1.05	1.085	1.16	1.078	1.050	1.082	1.45
#3	1.05	1.090	1.17	1.083	1.055	1.084	1.50
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.00	1.000		1.000	1.000	1.000	
Range	10.0	10.00		10.00	10.00	10.00	
Elem	Se1960	Si2516	Ag3280	Na5889	Sr4215	Sn1899	Tl 1908
Units	ppm	PPM	PPM	PPM	ppm	PPM	PPM
Avge	1.01	.0628	-.0057	.0671	.0010	.0706	1.05
SDev	.02	.0238	.0008	.0052	.0001	.0062	.05
%RSD	2.24	37.93	-.14.86	7.758	12.37	8.723	4.29
#1	.987	.0902	-.0051	.0621	.0008	.0776	1.05
#2	1.03	.0511	-.0067	.0725	.0010	.0659	1.00
#3	1.03	.0471	-.0053	.0665	.0010	.0685	1.09
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.00						1.00
Range	10.0						10.0
Elem	Li3349	V_2924	Zn2138				
Units	ppm	PPM	PPM				
Avge	1.030	1.9982	01.104				
SDev	.018	.0120	.028				
%RSD	1.765	1.200	2.536				
#1	1.010	.9844	1.072				
#2	1.038	1.004	01.119				
#3	1.044	1.006	01.122				
Errors	QC Pass	QC Pass	QC Fail				
Value	1.000	1.000	1.000				
Range	10.00	10.00	10.00				

Method: MASTER1 Sample Name: 1PPM0C7

Operator:

Run Time: 04/17/91 14:51:49

Comment: CCV

Mode: CONC Corr. Factor: 1

Elem	A13082	Sb2068	As1936	Ba4934	Ba3130	B_24%	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090	.006	-.001	.97438	.00085	1.262	.0006
SDev	.032	.012	.022	.02039	.00014	.042	.0000
%RSD	2.924	213.	-.3370.	2.0925	16.774	3.338	.2266

#1	1.054	.012	-.022	.95163	.00101	1.215	.0006
#2	01.103	-.008	-.002	.99100	.00075	1.295	.0006
#3	01.114	.014	.022	.98050	.00077	1.276	.0006

Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value	1.000			1.0000			
Range	10.00			10.000			

Elem	Ca3933	Ca3179	Cr2677	Co2286	Cr3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042	.048	.0007	-.0003	.0003	.0024	.355
SDev	.0018	.006	.0038	.0037	.0014	.0024	.058
%RSD	42.78	12.3	551.0	-.1263.	406.9	98.84	16.4

#1	.0063	.046	-.0036	-.0044	-.0003	.0024	.304
#2	.0032	.043	.0022	.0025	-.0006	.0000	.342
#3	.0032	.055	.0034	.0010	.0019	.0048	.419

Errors	NOCHECK						
Value							
Range							

Elem	Pb2202	Mg2795	Mg3832	Mn2576	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002	.0020	.153	.0005	.0004	-.0025	011.2
SDev	.022	.0009	.025	.0004	.0021	.0048	.3
%RSD	-.1460.	43.40	16.0	75.43	465.5	-.192.3	3.13

#1	-.026	.0030	.130	.0005	-.0010	-.0040	10.8
#2	.007	.0015	.149	.0001	-.0005	-.0063	011.1
#3	.015	.0015	.179	.0009	.0028	.0029	011.5

Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value							10.0
Range							10.0

Elem	Se1960	Si2516	Ag3280	Ni5889	Sr4215	Sn1899	Tl11908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003	.5782	1.062	.9581	.0011	.0518	-.004
SDev	.038	.0172	.041	.0212	.0001	.0085	.010
%RSD	-.1300.	2.976	3.833	2.209	10.83	16.49	-.251.

#1	-.042	.5584	1.015	.9337	.0010	.0427	.004
#2	.001	.5882	1.080	.9715	.0010	.0596	-.014
#3	.033	.5881	1.091	.9690	.0013	.0530	-.001

Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value			1.000	1.000			
Range			10.00	10.00			

Elem	Ti3349	V_2424	Zn2138
Units	ppm	ppm	ppm
Avge	.0013	-.0003	.0015
SDev	.0008	.0033	.0002
%RSD	58.06	-10.53	15.67
#1	.0015	-.0036	.0017
#2	.0005	-.0003	.0013
#3	.0021	.0030	.0017
Errors	NOCHECK	NOCHECK	NOCHECK
Value			
Range			

Method: MASTER1		Sample Name: INTERF CM STD		Operator:			
Run Time: 04/17/91 14:56:24		Comment: CCV					
Mode: CONC Corr. Factor: 1							
Elem	Al3082	Sb2068	As1936	Ba4934	Be3130	B_2496	Cd2283
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	483.7	0.011	0.199	0-.00207	0.00060	.0863	0.0074
SDev	6.9	.039	.031	.00022	.00015	.0036	.0025
%RSD	1.433	343.	15.5	-10.463	24.624	4.167	34.36
#1	476.0	0-.032	0.234	0-.00183	0.00052	.0844	0.0102
#2	485.8	0.043	0.188	0-.00223	0.00052	.0909	0.0051
#3	489.4	0.023	0.176	0-.00216	0.00078	.0850	0.0069
Errors	QC Pass	QC Fail	QC Fail	QC Fail	QC Fail	NOCHECK	QC Fail
Value	500.0	1.00	1.00	1.0000	1.0000		1.000
Range	10.00	20.0	20.0	20.000	20.000		20.00
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe259%	Fe2714
Units	ppm	ppm	ppm	PPM	ppm	ppm	ppm
Avge	220.5	543.	0.0306	0-.0002	0-.0054	180.5	200.
SDev	.9	7.	.0028	.0022	.0010	1.4	2.
%RSD	.3985	1.29	9.026	-1085.	-19.34	.8010	1.05
#1	219.6	536.	0.0283	0-.0020	0-.0060	179.0	198.
#2	220.6	543.	0.0298	0-.0008	0-.0059	180.7	200.
#3	221.4	550.	0.0337	0.0022	0-.0042	181.8	202.
Errors	NOCHECK	QC Pass	QC Fail	QC Fail	QC Fail	NOCHECK	QC Pass
Value		500.	1.000	1.000	1.000		200.
Range		10.0	20.0	20.00	20.00		20.0
Elem	Pb2202	Mg2795	Mg3932	Mn2576	Mo2020	Ni2316	Si_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	PPM
Avge	0.121	270.8	470.	0.0185	0.0111	0.0138	0.05
SDev	.015	2.1	3.	.0004	.0038	.0144	.13
%RSD	12.3	.7663	.564	2.103	34.32	103.9	12.3
#1	0.112	268.9	466.	0.0183	0.0155	0-.0023	0.916
#2	0.114	270.6	471.	0.0182	0.0095	0.0253	01.07
#3	0.136	273.0	471.	0.0189	0.0084	0.0184	01.17

Errors	QC Fail	NOCHECK	QC Pass	QC Fail	QC Fail	QC Fail	QC Fail
Value	1.00		500.	1.000	1.000	1.000	10.0
Range	20.0		10.0	20.00	20.00	20.00	20.0
Elem	Se1960	Si2516	Ag3280	Na5869	Sr4215	Sn1899	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	0.122	.3899	0-.0002	0.1288	.0132	.8154	0.087
SDev	.018	.0041	.0019	.0146	.0002	.0392	.020
%RSD	15.0	1.051	-1034.	11.34	1.823	4.809	22.4
#1	0.142	.3852	0-.0010	0.1415	.0129	.7941	0.108
#2	0.106	.3919	0-.0016	0.1322	.0132	.7915	0.084
#3	0.118	.3927	0.0020	0.1128	.0133	.8607	0.070
Errors	QC Fail	NOCHECK	QC Fail	QC Fail	NOCHECK	NOCHECK	QC Fail
Value	1.00		1.000	1.000			1.00
Range	20.0		20.00	20.00			20.0
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	0.0077	0.0070	0.0369				
SDev	.0019	.0013	.0016				
%RSD	24.32	17.97	4.403				
#1	0.0077	0.0064	0.0355				
#2	0.0058	0.0062	0.0366				
#3	0.0095	0.0085	0.0387				
Errors	QC Fail	QC Fail	QC Fail				
Value	1.000	1.000	1.000				
Range	20.00	20.00	20.00				

Method:	MASTER1	Sample Name:	INTERF	CR. STD	Operator:		
Run Time:	04/17/91 15:12:12						
Comment:	CCV						
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1936	Ba4934	Br3130	B_2496	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	487.0	1.11	01.34	.89814	1.1003	1.273	01.209
SDev	1.9	.03	.08	.00335	.0044	.013	.015
%RSD	.3991	2.63	6.05	.37346	.40370	1.046	1.202
#1	484.8	1.11	01.28	.89987	1.1023	1.263	1.192
#2	488.5	1.12	01.32	.90027	1.1034	1.289	01.219
#3	487.7	1.07	01.43	.89427	1.0952	1.269	01.215
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	NOCHECK	QC Fail
Value	500.0	1.00	1.00	1.0000	1.0000		1.000
Range	10.00	20.0	20.0	20.000	20.000		20.00
Elem	Ca3933	Ca3179	Cr2677	Co2286	Cu3247	Fe2599	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	221.6	0556.	1.175	1.108	1.064	182.4	204.
SDev	.2	.2	.005	.006	.004	.7	.1.
%RSD	.0767	.343	.4579	.5230	.3410	.3723	.400
#1	221.7	0556.	1.174	1.107	1.066	182.5	204.

#2	221.8	0558.	1.181	1.114	1.067	183.0	205.
#3	221.4	0554.	1.170	1.103	1.060	181.7	203.
Errors	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass
Value		500.	1.000	1.000	1.000		200.
Range		10.0	20.00	20.00	20.00		20.0
Elem	Pb2202	Mg2795	Mg3832	Mn2578	Mo2020	Ni2316	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	01.26	276.1	467.	1.151	1.113	1.095	11.2
SDev	.02	.13	.1.	.004	.006	.028	.1
%RSD	1.80	.1265	.297	.3312	.5424	2.602	.806
#1	01.26	276.3	467.	1.151	1.118	1.094	11.3
#2	01.28	276.4	468.	1.155	1.115	1.124	11.2
#3	01.24	275.7	465.	1.147	1.106	1.067	11.1
Errors	QC Fail	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.00		500.	1.000	1.000	1.000	10.0
Range	20.0		10.0	20.00	20.00	20.00	20.0
Elem	Se1960	Si2516	Ag3280	Na588	Sr4215	Sn1899	Tl1908
Units	PPM	ppm	ppm	PPM	ppm	ppm	ppm
Avge	1.16	.9227	.9812	.9901	.0138	.8387	1.20
SDev	.05	.0040	.0086	.0035	.0000	.0311	.03
%RSD	5.99	.4327	.8802	.3515	.0000	3.704	2.27
#1	1.20	.9264	.9719	.9922	.0138	.8261	Q1.23
#2	1.19	.9233	.9829	.9921	.0138	.8159	1.17
#3	1.11	.9164	.9889	.9861	.0138	.8740	1.19
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass
Value	1.00		1.000	1.000			1.00
Range	20.0		20.00	20.00			20.0
Elem	Ti3349	V_2924	Zn2138				
Units	ppm	ppm	ppm				
Avge	1.121	1.082	01.234				
SDev	.004	.006	.005				
%RSD	.3517	.5868	.3986				
#1	1.122	1.084	01.236				
#2	1.124	1.087	01.237				
#3	1.116	1.075	01.228				
Errors	QC Pass	QC Pass	QC Fail				
Value	1.000	1.000	1.000				
Range	20.00	20.00	20.00				